

⑤ 2

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 03-132274

(43)Date of publication of application : 05.06.1991

-----  
(51)Int.Cl. H04N 5/66  
G02F 1/133  
G09G 3/36

-----  
(21)Application number : 01-270615 (71)Applicant : SANYO ELECTRIC CO LTD

(22)Date of filing : 18.10.1989 (72)Inventor : MARUSHITA YUTAKA

-----  
(54) LIQUID CRYSTAL DISPLAY DEVICE

(57)Abstract:

PURPOSE: To allow a device to cope with the high-definition TV system such as EDTV by providing a means doubling the shift speed of 1st and 2nd vertical drivers, a means applying double speed conversion to a video signal and a means doubling the number of clocks of the horizontal driver.

CONSTITUTION: First and 2nd vertical drivers 2, 3 are operated alternately at every field at the normal speed and a video signal is fed to horizontal drivers 4, 5 operated at the normal speed to apply interlace scanning. Then 1st and 2nd vertical drivers 2, 3 are operated at the speed twice the normal speed at every line and a double speed conversion means 8 applies a video signal whose speed is doubled than the usual speed is fed to the horizontal drivers 4, 5 operated at the speed twice the normal speed to apply the double speed sequential scanning. Thus, the device copes with a

high-definition TV system such as EDTV with a simple switching.

.....

LEGAL STATUS [Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]